

## **ABSTRACT**

A method and device for synchronizing data between analog and digital mediums recorded either simultaneously from a single source or recorded from different sources, which requires synchronization. User-Data recorded in analog medium is referenced with out-of-band unique digital reference-data that is generated by the interface device to mark the position of the user data. The same reference-data communicated by the device and the user-data are stored in the digital medium also and a relationship is computed and established in the form of a table between the reference-data and the positions of the recorded user-data. Whenever there is a manipulation of the User-data on either of the mediums for the purpose of viewing, listening or editing, the Reference-data in that medium is interpreted by the device and the corresponding location of the user-data in the other medium is accessed by using the table. Manipulation to the user-data done, on either medium, any number of times is reflected on the user-data in the other medium. The objective of data synchronization stands achieved.